COMPUTER CONTROLLED POSITIONING DEVICE

ABSTRACT

A computer controlled positioning device detects the relative position of a towing vehicle and item being towed based on the feedback signal

5   of a 5th wheel encoder affixed to the attachment point on the towing vehicle and in contact with the towed item. The signal is produced based on the rotation of a wheel on the 5th wheel encoder in response to the angular change between the towing vehicle and item being towed at the pivot (attachment) point as the towing vehicle turns, corners, or reverses. The signal is transmitted

10   to a microprocessor under software control that determines if the rearview mirror(s) should be rotated and/or if a notification should be provided to a driver.